

Date: Wed, 15 Jun 94 01:01:35 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #664  
To: Info-Hams

Info-Hams Digest                      Wed, 15 Jun 94                      Volume 94 : Issue    664

Today's Topics:

                    "73's"  
                    440 in So. Cal.  
                    Atlanta Hamfest?  
                    Cheap packet modem ?  
                    FM not working in car radio  
                    Ford Explorer and TS-50 Noise  
                    help/info needed  
                    HTX 202  
                    IPS Daily Report - 14 June 94  
                    Looking for J. Stephen Buchan  
                    Microwave bands (was Re: End of `440 i  
                    MODS for IC25A? or PCS-300?  
                    Seek info about Heathkit SB230 (SB220)  
                    Test  
                    TH-78A Peculiarities <--Help Wanted  
                    What price for a new Fluke 75 multimeter?  
                    Yaesu phone no.???  
                    You know its time to retire from the hobby when.... (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 14 Jun 1994 19:39:03 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: "73's"  
To: info-hams@ucsd.edu

Language is dynamic, not static. 73's (the plural of 73, by many official accounts) means "Best Wishes". It didn't used to, but it does now.

Therefore, 73 means "best wish". So, if you say 73, you are only wishing the listener one wish. OK, it's your best one, but it's still only one. If you want to be more ebulliant, use 73's. (Or you can try 146, 219, or any of the other muliples of 73 to give a fixed number of wishes.)

Forest

Jose KD1SB

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Date: 14 Jun 1994 17:52:23 GMT  
From: ihnp4.ucsd.edu!news.cerf.net!hacgate2.hac.com!vishnu!suggs@network.ucsd.edu  
Subject: 440 in So. Cal.  
To: info-hams@ucsd.edu

In article 3os@nyx10.cs.du.edu, jmaynard@nyx10.cs.du.edu (Jay Maynard) writes:  
>When you start advocating that coordinators do patently stupid things that  
>will get them sued into oblivion, though, I have to stand up and yell, "HELL  
>NO!"

Jay,

The one point that you keep bringing up that gets under my skin is this issue of coordinators getting sued. While I will grant you that it very likely could happen, and that defending yourself against any lawsuit can be expensive and time consuming, it doesn't wash as a legitimate reason for setting the coordination policy a certain way.

I would hope that at no time the coordinators said to the repeater trustee "We are going to coordinate your repeater exclusively on these frequencies for the rest of time." I see no basis for a lawsuit if they coordinate another repeater on the same frequency. (That's not to say it won't happen. People sue all the time for all sorts of reasons, valid or not.) There are all kinds of ways of insulating yourself from lawsuits, though. Find someone with no visible assets willing to be the coordinator and put up with all the legal flak.

Again, people will disagree and debate as to whether policies are "patently stupid" or brilliant and effective, but I would hope the policies are decided based on something other than who is threatening a lawsuit.

-Brian

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Date: 15 Jun 1994 02:12:11 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!  
hobbes.cc.uga.edu!aisun3.ai.uga.edu!mcovingt@network.ucsd.edu  
Subject: Atlanta Hamfest?  
To: info-hams@ucsd.edu

When and where is the Atlanta Hamfest?

--  
< Michael A. Covington, Assc Rsch Scientist, Artificial Intelligence Center >  
< The University of Georgia, Athens, GA 30602-7415 USA   mcovingt@ai.uga.edu >  
< Unless specifically indicated, I am not speaking for the University. >   <><  
For information about any U.Ga. graduate program, email gradadm@uga.cc.uga.edu.

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Date: 15 Jun 1994 07:00:59 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!EU.net!news.forth.gr!  
helios.intranet.gr!phaethon!demetre@network.ucsd.edu  
Subject: Cheap packet modem ?  
To: info-hams@ucsd.edu

CQ Netters,

Does anyone have a scematic for a home brewed packet modem that actually  
works ???

I would appreciate a reply via e-mail...

73's

demetre@intranet.gr

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Date: 15 Jun 94 02:54:35 GMT  
From: dog.ee.lbl.gov!agate!headwall.Stanford.EDU!ehle@ucbvax.berkeley.edu  
Subject: FM not working in car radio  
To: info-hams@ucsd.edu

I'm a complete non-radio, non-car person but have a frustrating  
problem with the radio in my '91 VW Jetta:

The FM stations fade out as the temperature cools off. First thing in  
the morning, I get no FM at all. AM's fine. After the car's been  
sitting in the sun all day, the FM comes back. If it's been a cool  
day, or the car's been in the shade, the signal is weak.

Can anyone tell me what's wrong and how much it's going to cost. I  
read none of the newsgroups I'm posting to, so I'd appreciate

responses directly to my e-mail. Many thanks.

--

Rob Ehle  
Assistant Production Manager  
Stanford University Press  
ehle@leland.stanford.edu

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Date: Tue, 14 Jun 1994 22:19:58 GMT  
From: ihnp4.ucsd.edu!swrinde!sdd.hp.com!hpscit.sc.hp.com!news.dtc.hp.com!  
col.hp.com!srngenprp!bsplaine@network.ucsd.edu  
Subject: Ford Explorer and TS-50 Noise  
To: info-hams@ucsd.edu

Earl=Morse%EMC=Srvc%Eng=Hou@bangate.compaq.com  
(Earl=Morse%EMC=Srvc%Eng=Hou@bangate.compaq.com) wrote:

: >I recently acquired a Kenwood TS-50 for mobile HF and installed it in my  
: >1992 Ford Explorer. With the key in the Accessory position (all electronics  
: >fired up but engine not running), the noise on HF is S9 or better across  
: >all bands, but most accute on 17 and 20m. Anyone out there in netland  
: >solved this problem already???  
: >

Call Ford.... your local dealer may/maynot have the service bulletin number,  
but there is one with parts to fix some of the problem...noisy fuel pump.  
I have info home, but will not be able to get it for you till Monday/Tuesday.

There is a ham at Ford/Detroit? who is in charge of EMI problems...

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/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
\      Bill Splaine      E-MAIL > bsplaine@sr.hp.com      /
/      Hewlett Packard   VOICE  > (707) 577-2913          \
\      Santa Rosa, CA 95403 FAX    > (707) 577-2095          /
/ ALL STANDARD DISCLAIMERS APPLY PACKET > N6GHG@KC6PJW      \
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

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Date: 14 Jun 1994 23:12:51 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!spool.mu.edu!torn!  
newshost.uwo.ca!newshost.uwo.ca!richard@network.ucsd.edu

Subject: help/info needed  
To: info-hams@ucsd.edu

Hi,

I am in the process of planning to take the "Ham Radio Exam" but I am not sure which level I want to try. What I am looking for is to find study materials, old exams, course materials, etc. on the internet. Since I live in Canada, I need materials that apply to the jurisdiction of Ontario and to this country. Can anyone suggest an online source for the materials of which I listed above?

Thanks in advance and looking forward to your responses.

rtrdcrq@oise.on.ca  
richard@speech.braille.uwo.ca

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Date: Tue, 14 Jun 1994 19:20:53 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!sol.ctr.columbia.edu!  
usenet.ucs.indiana.edu!sun2!sun1!dbatten@network.ucsd.edu  
Subject: HTX 202  
To: info-hams@ucsd.edu

I like the HTX 202. So what if it does not go out of band! The best feature of the 202 is the tight receive! Plus, PL encode/decode straight from the factory...it is a great deal. Good luck!

Darin, N9RAJ

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=====  
== dB == Romulus the Augustinian == dbatten@sun1.iusb.indiana.edu ==  
== "To absent friends, lost loves, old gods, and the Season of Mists; And ==  
== may each and every one of us always give the devil his due." ==  
=====

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Date: Tue, 14 Jun 1994 23:09:33 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!msuinfo!  
harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!rwc@network.ucsd.edu  
Subject: IPS Daily Report - 14 June 94  
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 14/2330Z JUNE 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.

## SUMMARY FOR 14 JUNE AND FORECAST UP TO 17 JUNE

No warning is current.

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### 1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 085/027

### 1B. SOLAR FORECAST

	15 June	16 June	17 June
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 085/027

### 1C. SOLAR COMMENT

None.

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### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: unsettled

Estimated Indices :	A	K	Observed A Index 13 June
Learmonth	14	3333 3332	
Fredericksburg	12		12
Planetary	15		11

Observed Kp for 13 June: 3223 2333

### 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
15 Jun	12	Unsettled.
16 Jun	16	Unsettled to active.
17 Jun	16	Unsettled to active.

### 2C. MAGNETIC COMMENT

Slight increase in activity is expected June 16-17 due to disappearing solar filament.

### 3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
14 Jun	normal	normal-fair	fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
15 Jun	normal	normal-fair	fair
16 Jun	normal	fair	fair
17 Jun	normal	fair	fair

3C. GLOBAL HF PROPAGATION COMMENT

Degraded HF comms conditions may be experienced June 16-17.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 14 June: 44

Predicted Monthly T Index for June is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
15 Jun	40	Near predicted monthly values.
16 Jun	30	Near predicted monthly values.
17 Jun	30	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Spread F observed at times during local night. Degraded conditions may be experienced during June 16-17.

--  
IPS Regional Warning Centre, Sydney  
email: rwc@ips.oz.au fax: +61 2 4148331  
RWC Duty Forecaster tel: +61 2 4148329  
Recorded Message tel: +61 2 4148330

|IPS Radio and Space Services  
|PO Box 5606  
|West Chatswood NSW 2057  
|AUSTRALIA

Date: 13 Jun 94 04:21:22 GMT

From: uchinews!msuinfo!caen!spool.mu.edu!howland.reston.ans.net!torn!utnut!utcsri!  
newsflash.concordia.ca!altitude!altitude!not-for-mail@rsch.wisc.edu

Subject: Looking for J. Stephen Buchan

To: info-hams@ucsd.edu

I am looking for my cousin, J. Steven Buchan. I found the following

listing in a ham radio call book:

Call-Sign: VE7ORA

Real Name: JOHN STEVEN BUCHAN

Mailing Address: 588 WEST 14TH AVENUE, UNIT 610, VANCOUVER, BC V5Z1P6

Before using the postal address, I would like to try Internet contact.

Steve -

If you see this, drop me a line.

Sincerely yours,

Gordon H. Buchan

buchang@cam.org

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Date: 14 Jun 1994 21:51:36 GMT

From: koriel!newsworthy.West.Sun.COM!abyss.West.Sun.COM!spot!myers@ames.arpa

Subject: Microwave bands (was Re: End of `440 i

To: info-hams@ucsd.edu

In article 2p0@nyx10.cs.du.edu, jmaynard@nyx10.cs.du.edu (Jay Maynard) writes:

>In article <2til08\$ss4@abyss.west.sun.com>,

>The microwave bands - or even 2400 MHz - are not "valid replacement spectrum"  
>only because hams would rather bitch than switch, as Jim Reese puts it. To  
>complain that you can't put up yet another yak box on 440, and so it's time to  
>change the rules in midstream and destroy someone's thousands of dollars worth  
>of repeater investment, is to capitulate rather than pioneer. Call it Mom and  
>Apple Pie if you want to...but who's arguing about ham radio as a technical  
>service now?

Of course, I'm one to strongly remind other amateurs that one of our purposes, as chartered by the FCC, is to advance the state of the radio art. Certainly, loading more yak boxes onto 440, or any of the other popular VHF/UHF bands, is not necessarily going to do anything positive for the radio art.

The issue has been raised that point-point, fixed-location uses, such as packet forwarding and auxiliary station links, ought to be moving into the microwave spectrum. I completely agree with this. At the same time, I'd be delighted if we could make the microwave spectrum of more general use.

Nonetheless, it is important to remember that not all spectrum is equivalent. To suggest that 440Mhz shouldn't be crowded because there are hundreds of



MHz of amateur allocations on higher frequencies is to ignore reality. If the FCC tomorrow declared that the 20m band was being re-allocated to non-amateur use and we were getting 400KHz of replacement spectrum allocated as amateur-only at 902MHz. Would this be fair replacement?

My original point was, and is, simply that not all spectrum is the same.

---

\* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are  
\*  
\* (310) 348-6043 | mine and do not necessarily \*  
\* Dana.Myers@West.Sun.Com | reflect those of my employer  
\*  
\* This Extra supports the abolition of the 13 and 20 WPM tests \*

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Date: 15 Jun 1994 06:20:38 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!  
newsxfer.itd.umich.edu!jobone!lynx.unm.edu!SantaFe!santafe!bogus@network.ucsd.edu  
Subject: MODS for IC25A? or PCS-300?  
To: info-hams@ucsd.edu

I've got an Icom IC25A, and was wondering if anyone could email me the mods sheet for it... Also for the Azden PCS-300 HT too if anyone knows any for that one aswell... Please cc any followup post to email.

Thanks,  
David KC5EGJ

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Date: 14 Jun 1994 20:38:13 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!sunic!trane.uninett.no!  
nac.no!nntp-oslo.uninett.no!mac\_inge!root@network.ucsd.edu  
Subject: Seek info about Heathkit SB230 (SB220)  
To: info-hams@ucsd.edu

Hello, and thanks for reading this message.  
I am going to buy me a Linear Amplifier for the HF bands, and I seek some info about the SB230.  
I have heard that it is a very nice amplifier, but I really don't know more about it.  
I have been borrowing a SB220 for a while, but I need some info about the SB230.  
Such as : -Maximum Power Output ?  
          -Which amateur bands ?  
          -etc

Please answer via e-mail.

vy 73s de Tom/LA1BJA/JW1BJA  
tomrune@mac\_inge.itek.norut.no

-----  
Date: 14 Jun 1994 19:14:19 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!spool.mu.edu!torn!nott!cunews!  
freenet.carleton.ca!freenet3.scri.fsu.edu!freenet3.scri.fsu.edu!not-for-  
mail@network.ucsd.edu  
Subject: Test  
To: info-hams@ucsd.edu

saul yochelson (vfoao0ix@huey.csun.edu) wrote:  
: saul yochelson (vfoao0ix@huey.csun.edu) wrote:  
: Test followup  
Pssst.....whats the answer to the question?

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Date: 14 Jun 1994 23:18:12 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!sol.ctr.columbia.edu!  
news.cs.columbia.edu!news.columbia.edu!namaste.cc.columbia.edu!  
mrw13@network.ucsd.edu  
Subject: TH-78A Peculiarities <--Help Wanted  
To: info-hams@ucsd.edu

>>One other small thing. About half the time, the tx doesn't always open up  
>>immediately on the commercial band. The red light will flash on and the  
>  
>Well marc,  
>the obvious suggestion is dont tx out of band!!!!

But the mods says it does and a good portion of the time it does without any  
problems. The other times it starts up and dies which is different from trying  
to tx somewhere where you definitely cannot (like the aircraft band) there it  
will just beep at you.

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Date: Tue, 14 Jun 94 15:39:06 CDT  
From: ihnp4.ucsd.edu!swrinde!gatech!willis1.cis.uab.edu!maze.dpo.uab.edu!  
uabdpo.dpo.uab.edu!GILA005@network.ucsd.edu  
Subject: What price for a new Fluke 75 multimeter?  
To: info-hams@ucsd.edu

What is a good price for a Fluke 75 multimeter, and where  
can I find one available?

Steve Holland  
gila005@uabdpo.dpo.uab.edu

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Date: 15 Jun 1994 06:44:12 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!concert!bigblue.unc.edu!  
samba.oit.unc.edu!not-for-mail@network.ucsd.edu  
Subject: Yaesu phone no.???  
To: info-hams@ucsd.edu

Does anyone out there have the phone number for Yaesu's Parts Service?. I  
need to order an owners manual for a radio.

Thanks,

Kenneth

--  
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Launchpad is an experimental internet BBS. The views of its users do not  
necessarily represent those of UNC, OIT, the SysOps or Captain Picard.  
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Date: 15 Jun 94 02:23:13 GMT  
From: dog.ee.lbl.gov!agate!cat.cis.Brown.EDU!pstc3.pstc.brown.edu!  
md@ucbvax.berkeley.edu  
Subject: You know its time to retire from the hobby when....  
To: info-hams@ucsd.edu

... you're talking on the phone with a ham buddy, and you end the  
conversation and hang up the phone with a 'KD1HZ clear'.

MD

--  
-- Michael P. Deignan  
-- Amalgamated Baby Seal Poachers Union, Local 101  
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

-----  
Date: 15 Jun 94 04:33:02 GMT

From: dog.ee.lbl.gov!agate!headwall.Stanford.EDU!abercrombie.Stanford.EDU!  
paulf@ucbvax.berkeley.edu  
Subject: You know its time to retire from the hobby when....  
To: info-hams@ucsd.edu

md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:

>... you're talking on the phone with a ham buddy, and you end the  
>conversation and hang up the phone with a 'KD1HZ clear'.

...you end a face-to-face conversation with "dit dit".

--

-=Paul Flaherty, N9FZX | "We are meant to be masters of destiny,  
->paulf@Stanford.EDU | not victims of fate." -- Ronald W. Reagan

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Date: 15 Jun 94 01:08:26 GMT  
From: agate!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-  
mail@ucbvax.berkeley.edu  
To: info-hams@ucsd.edu

References <Cr9Kyq.EwG@news.Hawaii.Edu>, <CrBrC4.Fn9@news.Hawaii.Edu>,  
<hk1NH1l.edellers@delphi.com>  
Subject : Re: End of '440 in SoCal' thread

Ed Ellers (edellers@delphi.com) wrote:  
: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu> writes:  
:  
: >Wow! No need to whine about 440 when we've got all THIS available.

All I hear on 440 is a little alternator whine ;)

: Are FM transceivers for those bands as readily available as those for 440?

Tranceivers are available for the 2.4 GHz band. For some unknown reason  
they are not marketed in the usa. There are over a hundred 2.4 GHz  
repeaters in Japan. Get your friend to bring one back from Japan.

I bet if dual-banders came with 2meters and 2.4 GHz there would be a lot  
of 2.4 repeaters in southern california. The band does work quite well  
for mobile applications. Within five years you will see a lot of 1.9 GHz  
radios marketed to the public as portable phones and computer rf links to  
the Internet. The commercial radio manufacturers would love to see us  
fighting over ten Megs of 440 spectrum while they get ten times that from  
us at 2.4 GHz....

: Is "homebrewing" as practical on those bands as on 440 -- referring to  
: special construction techniques as well as availability of components that can  
: operate at those higher frequencies?

RTFM :) there are many amateur construction articles and the ARRL as well  
as the British microwave publications.

: Are propagation characteristics on those bands such that they are as suitable  
: for FM voice communication as is 440?

Why limit your self to just fm voice ... try wide band video or high  
speed digital links all requiring the high bandwidth that is not available  
on the lower bands. Lots more opportunity to have fun doing something that  
can't be done with a 2meter dual-bander.

Bob

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

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End of Info-Hams Digest V94 #664  
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